

**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY (BPUT)**  
**ORISSA**  
**MINING ENGINEERING**

<u>3<sup>rd</sup> SEMESTER</u>				<u>4<sup>th</sup> SEMESTER</u>			
<i>THEORY</i>		<i>Contact Hours</i>		<i>THEORY</i>		<i>Contact Hours</i>	
<i>Code</i>	<i>Subject</i>	<i>L-T-P</i>	<i>Credits</i>	<i>Code</i>	<i>Subject</i>	<i>L-T-P</i>	<i>Credits</i>
	Mathematics – III	3-1-0	4		Surface Mining	3-1-0	4
	Energy Conversion Devices	3-1-0	4		Fluid Mechanics & Machines	3-0-0	3
	Machine Dynamics	3-0-0	3		Relational Database Management System	3-0-0	3
	Object Oriented Programming Using C++	3-0-0	3		Organizational Behaviour	3-0-0	3
	Engg. Economics & Costing	3-0-0	3		OR		
	OR				Engineering Economics & Costing		
	Organizational Behaviour				Geology	3-1-0	4
	Surveying- 1	3-1-0	4		Mine Development	3-0-0	3
		<b>Credits (Theory)</b>	<b>21</b>			<b>Credits (Theory)</b>	<b>20</b>
	<b><i>PRACTICALS/SESSIONALS</i></b>				<b><i>PRACTICALS/SESSIONALS</i></b>		
	COMMUNICATION AND INTERPERSONAL SKILLS FOR CORPORATE READINESS Lab.	0-0-3	2		Computer Lab (RDBMS)	0-0-3	2
	OOPS Computer Lab	0-0-3	2		Electrical Machines Lab	0-0-3	2
	Surveying Lab.	0-0-3	2		Geology Lab.	0-0-3	2
		<b>Credits (Practicals/ Sessionals)</b>	<b>6</b>			<b>Credits (Practicals/Sessionals)</b>	<b>6</b>
	<b>TOTAL SEMESTER CREDITS</b>		<b>27</b>		<b>TOTAL SEMESTER CREDITS</b>		<b>26</b>